

UNITED STATES PATENT AND TRADEMARK OFFICE
Certificate

Patent No. 7,638,536 B2

Patented: December 29, 2009

On petition requesting issuance of a certificate for correction of inventorship pursuant to 35 U.S.C. 256, it has been found that the above identified patent, through error and without any deceptive intent, improperly sets forth the inventorship.

Accordingly, it is hereby certified that the correct inventorship of this patent is: Keizo Sugasawa, Tsukuba (JP); Susumu Watanuki, Tsukuba (JP); Yuji Koga, Tsukuba (JP); Hiroshi Nagata, Tsukuba (JP); Ryutaro Wakayama, Tsukuba (JP); Fukushi Hirayama, Tsukuba (JP); and Ken-ichi Suzuki, Tsukuba (JP)

Signed and Sealed this Third Day of August 2010.

Janet L. Andres
Supervisory Patent Examiner
Art Unit 1625
Technology Center 1600